

**MEMORANDUM OF AGREEMENT  
BETWEEN  
AEROSPACE DEFENSE COMMAND,  
STRATEGIC AIR COMMAND  
AND  
AIR WEATHER SERVICE  
FOR  
SPACE DEFENSE OPERATIONS CENTER/  
DEFENSE METEOROLOGICAL SATELLITE PROGRAM  
OPERATIONAL RELATIONSHIPS**

**I. PURPOSE:** This Memorandum of Agreement (MOA) establishes the agreement in principle for exchanging information associated with potential and actual hostile space events, and disseminating advisory, warning, and verification information on hostile space events. In addition, this MOA defines the roles and responsibilities of Aerospace Defense Command (ADCOM), Strategic Air Command (SAC), and Air Weather Service (AWS) in establishing a formal interface between ADCOM's Space Defense Operations Center (SPADOC) and the Defense Meteorological Satellite Program (DMSP).

**II. RESPONSIBILITIES:**

**A. ALL PARTIES shall:**

1. Establish a joint Interface Control Working Group (ICWG) to:

a. Prepare and provide for management approval an Interface Control Drawing (ICD) describing the type, format, content, timeline requirements, and media for the exchange of information supporting the purpose of this MOA.

b. Serve as the forum for presenting and resolving all matters related to the interface between SPADOC and DMSP elements.

c. Perform the planning and coordination for future improvements in the interface.

2. Approve the charter of the ICWG. Upon arrival, the charter will become an annex to this MOA.

3. Determine, on a case-by-case basis, cost sharing on items not defined elsewhere in this MOA. Recommendations shall be developed by the ICWG for approval by the signatories of this MOA.

4. Conform with applicable security classification guides identified in the ICDS. Make the appropriate documentation available to all involved agencies.

5. AEROSPACE DEFENSE COMMAND shall:

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4. Evaluate cost estimates associated with implementing the SPADOC side of the SPADOC-DMSP interface, including the preparation of Independent Cost Analyses (ICAs) if deemed necessary.

5. Inform the Joint Chiefs of Staff (JCS) that the DMSP system is interfaced with the SPADOC.

6. Maintain DMSP system status for the MCA and NMCS.

7. Prepare, with SAC and AFGWC, a charter for the ICWG.

8. Provide, via ADC funds, any additional leased, dedicated communication capabilities.

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9. Arrange through AFCC/SAC channels in accordance with existing Air Force procedures for acquisition and installation of any additional government-furnished (common user or dedicated) communication equipment <sup>b5</sup> to support the purpose and scope of this MOA.

10. Arrange for Operations and Maintenance (O&M) funding of new government-furnished (common user or dedicated) communication equipment required at the SPADOC to support the purpose and scope of the MOA. These arrangements shall be in accordance with existing Air Force procedures.

11. Secure the coordination of Space Division on this MOA and resulting interface description documentation.

C. AIR WEATHER SERVICE shall:

1. Designate the Commander, Air Force Global Weather Central, as the Military Airlift Command and AWS representative and agent to act in their behalf on all matters related to this MOA and resulting ICD and supporting documentation (reference Attachment 1).

2. Provide to SPADOC information on

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Information type and frequency of transmittal to SPADOC shall be established by mutual agreement and documented in the ICD.

3. Provide system description and other information at the frequency established by mutual agreement and documented in the ICD.

4. Obtain, as necessary, approval for release of information (as referenced in II.C.1 above) to be supplied to SPADOC. This approval shall be for the duration of this agreement.

5. <sup>b5</sup> requirements in future plans, including cost estimates as derived in conjunction with the DMSP System Program Office.

6. Direct subordinate agencies to support the development and implementation of the ICD, and to conduct future activities in accordance with the ICD.

7. Develop and coordinate contingency plans and operating procedures detailing the actions to be taken upon receipt of advisory, warning, and verification messages (exercise and real). Provide copies of these plans to SPADOC and HQ SAC/SX.

8. Arrange for O&M funding of any additional government-furnished communications equipment required at the AFOWC to support the purpose and scope of this MOA. These arrangements shall be in accordance with existing Air Force procedures.

**2. STRATEGIC AIR COMMAND shall:**

1. Designate the DCS Space, Warning and Surveillance Systems (HQ SAC/SX) to act as the SAC representative and agent on all matters related to the coordination and approval of this MOA.

2. Designate the SAC Director of Command Control (HQ SAC/DOC) as the SAC representative and agent on all matters related to the ICD and other supporting documentation.

3. Designate the SAC Command Post as the point of contact to receive advisory, warning, and verification messages (exercise and real) provided by SPADOC. The SAC CP will disseminate these messages IAW approved directives.

4. Designate HQ SAC/DOC to develop and coordinate plans and operating procedures detailing the actions to be taken upon notification of SPADOC <sup>b5</sup> messages (exercise and real). Provide copies of those plans to SPADOC. <sup>mes-</sup>

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6. Include C<sup>3</sup> interface requirements in future plans.

7. Provide funding for any additional leased or dedicated communications capabilities for voice/data transmissions between <sup>b5</sup> . Also, arrange for O&M funding of any additional government-furnished communications equipment to support the purpose and scope of this MOA. These arrangements shall be in accordance with existing AF procedures.

8. Evaluate cost estimates associated with implementing the ~~new~~ side of the SPADOC-DWSP interface, including the preparation of Independent Cost Analyses (ICAs) if deemed necessary.

9. Designate HQ SAC/DOC to arrange for the Air Force Satellite Control Facility to provide <sup>b5</sup> satellite health and status information and other information that may be identified by the ICD.

### III. ADMINISTRATION:

A. This MOA becomes effective on signature by the designated representative of each agency. The expiration date of this agreement is six years from the effective date.

B. This MOA will be reviewed biennially on the anniversary date of its becoming effective to validate the need, currency, and adequacy of its provisions.

C. Specific agreements implementing the provisions of this MOA will be prepared as ICDs.

D. To modify this MOA, associated ICD, and supporting documentation, an ICWG meeting may be called at the request of any signatory. This Agreement may be revised or modified at any time by negotiation of an amendment or revision.

E. This MOA may be terminated as mutually agreed on or at any time upon 180 days written notice by any signatory.

F. Upon approval, this MOA will be maintained by HQ ADCOM/J3, HQ SAC/SX, and AFGWC/DO and distributed to all organizations having responsibilities for supporting this Agreement.

G. The terms of this Agreement remain effective in the event of any national emergency or mobilization.

#### APPROVAL

FOR AEROSPACE DEFENSE COMMAND

DATE: \_\_\_\_\_

BRUCE K. BROWN, MAJ GEN, USAF  
DCS Operations

FOR AIR WEATHER SERVICE

DATE: 18 June 1987

ARTHUR BIONER, COL, USAF  
Commander, Air Force  
Global Weather Central

FOR STRATEGIC AIR COMMAND

DATE: 10 MAY 1987

W.L. SHIELDS, BRIG GEN, USAF  
DCS Space, Warning and  
Surveillance Systems